

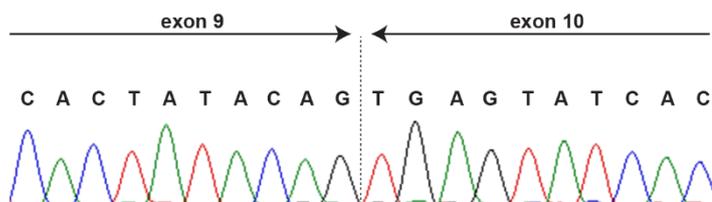
A *MBTPS2*, coding sequence

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1561 taa

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B Control



C Brindle (BR1)

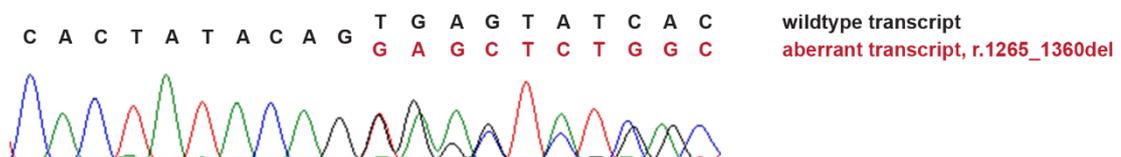


Figure S1 Sanger cDNA sequencing data of *MBTPS2* transcripts. (A) Equine *MBTPS2* reference sequence, derived from Genbank accession XM_005614038.2. The 96 nucleotides missing in the aberrant transcript from brindle horses are underlined. (B) Electropherogram of a control horse, which was homozygous for the wildtype allele. (C) Electropherogram of a brindle mare, heterozygous for the *MBTPS2*:c.1437+4T>C variant. Overlapping signals from two different transcripts can be seen after the end of exon 9. The Sanger sequences were obtained using the forward PCR primer on the RT-PCR products shown in Figure 6 of the main manuscript.